

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant: Almaguer, J. Attorney Docket No: 22.1414  
Serial No: Art Unit:  
Filed: December 20, 2001 Examiner:  
For: DOWNHOLE MAGNETIC FIELD-BASED FEATURE DETECTOR

Box PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, DC 20231

DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION

☒ Declaration Submitted with Initial Filing ☐ Declaration Submitted after Initial Filing

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DOWNHOLE MAGNETIC FIELD-BASED FEATURE DETECTOR

CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8 & 1.10

I hereby certify that this document and its attachments are being sent on the date indicated below to the Assistant Commissioner for Patents, Washington, DC 20231 by:

- ☐ facsimile to number \_\_\_\_\_  
☐ first class mail.  
☒ Express Mail: Post Office to Addressee No. EV 037 145 887 US

Dec 20, 2001  
DATE

  
CHERITA PERSONS-GRIMSTEAD

the specification of which

☒ is attached hereto.

☐ was filed on \_\_\_\_\_ as United States Application Number or PCT International Application Number \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code § 119 (a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Numbers	Country	Foreign Filing Date	Priority Not Claimed	Certified Copy Attached	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date

I hereby claim the benefit under Title 35, United States Code § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application Numbers	PCT Parent Number	Parent Filing Date	Parent Patent Number

**Direct all correspondence to:**      **Patent Counsel**  
**Schlumberger Reservoir Completions**  
**Schlumberger Technology Corporation**  
**P.O. Box 1590**  
**Rosharon, Texas 77583**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FOOTNOTES

Name of Sole or First Inventor					<input type="checkbox"/> A petition has been filed for this unsigned inventor.			
Given Name (first and middle [if any])					Family Name or Surname			
James S.					Almaguer			
Inventor's Signature	<i>James S. Almaguer</i>				Date	<i>25-July-2001</i>		
Citizenship	U.S.							
Residence Address	<i>2015 McCrary Rd.</i>							
Residence: City	Richmond	State	TX	ZIP	77469	Country	U.S.	
Post Office Address	<i>2015 McCrary Rd.</i>							
City	Richmond	State	TX	ZIP	77469	Country	U.S.	

# IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant: James Almaguer

Attorney Docket No: 22.1414

Serial No:

Art Unit:

Filed:

Examiner:

For: Downhole Magnetic Field-Based Feature Detector

**Assistant Commissioner for Patents  
Washington, DC 20231**

## POWER OF ATTORNEY

As the owner of the above-referenced patent application, I hereby appoint the following registered practitioners to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

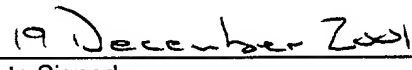
Jeffrey E. Griffin, 36,534  
Jaime A. Castaño, 41,660  
Tim W. Curington, 45,944  
John J. Ryberg, 31,134  
Steven L. Christian, 38,106  
Wayne I. Kanak, 35,564  
John H. Bouchard, 29,286

Robin C. Nava, 42,926  
Gordon G. Waggett, 34,476  
Brigitte L. Jeffery, 38,925  
Victor Segura, 44,329  
Jeff Daly, 44,640  
Fred G. Pruner, Jr., 40,779  
Dan C. Hu, 40,025

**Direct all correspondence to:**

**Patent Counsel  
Schlumberger Technology Corporation  
Schlumberger Reservoir Completions  
P.O. Box 1590  
Rosharon, Texas 77583-1590  
281/285-5720**

  
\_\_\_\_\_  
Joe Goss  
Vice President  
Schlumberger Technology Corporation

  
\_\_\_\_\_  
Date Signed

## ASSIGNMENT

WHEREAS, I, **James S. Almaguer**, a citizen of the United States of America, residing at 2015 McCrary Road, Richmond, TX 77469 hereinafter referred to as "Inventor", have made inventions and improvements in: *Downhole Magnetic-Field Based Feature Detector* which are the subject of an application for Letters Patent of the United States of America, executed by me on the date(s) indicated below, (Docket No. 22.1414), hereinafter referred to as the "Invention(s)".

AND WHEREAS, SCHLUMBERGER TECHNOLOGY CORPORATION, hereinafter referred to as "said COMPANY", a corporation duly organized, incorporated and existing under the laws of the State of Texas, and having a place of business at 300 Schlumberger, Sugar Land, Texas 77478 is desirous of acquiring or confirming its acquisition of the entire right, title and interest in and to the Invention(s), and in and to said application, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefore.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that I the Inventor, for good and valuable consideration, the receipt and sufficiency of which hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto said COMPANY, its successors and assigns, the entire right, title and interest throughout the world, in and to the Invention(s), described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part, or substitute application which may be filed on the Invention(s) in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon the Invention(s).

TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on the Invention(s).

AND I do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said COMPANY, its successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said COMPANY, its successors and assigns.

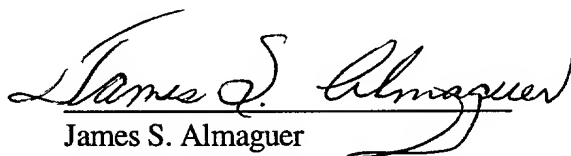
AND I do hereby covenant and warrant that I have full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that I have not executed and will not execute any instruments in conflict herewith.

AND I, for the conditions aforesaid, do hereby covenant and agree to and with the said COMPANY, its successors and assigns, that I, my executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful oaths, and make,

execute and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents, which in the opinion of counsel for said COMPANY, its successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure and vest in said COMPANY, its successors and assigns, the entire right, title and interest in and to the Invention(s), and any related application or applications, patents, rights, titles, benefits, privileges, and advantages hereby sold, assigned, confirmed, transferred and conveyed.

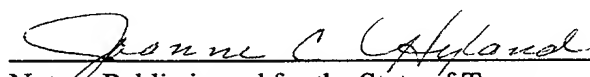
IN WITNESS WHEREOF, I, James S. Almaguer have hereunto set my hand and seal this

9/25, 2001.

  
James S. Almaguer

STATE OF TEXAS       §  
                                  §  
COUNTY OF BRAZORIA   §

BEFORE ME, this September 25, 2001 personally appeared James S. Almaguer, to me known to be the person who is described in and who executed the foregoing assignment instrument, and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

  
Notary Public in and for the State of Texas

My Commission Expires: 5/27/03

SEAL

